

# National Weather Service

Los Angeles / Oxnard

## Marine Weather Program

Ryan Kittell



# What To Expect Today

- About Us
- Forecast & Observations
- How to Receive Our Information





# National Weather Service



**125 Offices** including Alaska (3), Hawaii, Guam, Samoa, Puerto Rico  
Several National Centers – Including **NDBC** (MS) and **OPC** (MD)



# National Weather Service

## Area We Cover



# National Weather Service

## Mission

The National Weather Service (NWS) provides weather, hydrologic, and climate forecasts and warnings for the United States, its territories, adjacent waters and ocean areas, for the **protection of life and property** and the **enhancement of the national economy**.

## Integrated **Decision** Support Services (IDSS)

Forecasts

Warnings

Observations



# Routine Forecasts

## Coastal Waters Forecast (CWF)

.SYNOPSIS FOR SOUTHERN CALIFORNIA COAST AND SANTA BARBARA CHANNEL INCLUDING THE CHANNEL ISLANDS NATIONAL MARINE SANCTUARY AND NATIONAL PARK...

AT 15Z...OR 8 AM PDT...A 1024 MB HIGH WAS 600 NM W OF POINT CONCEPTION...AND A 1004 MB LOW WAS NEAR LAS VEGAS. MODERATE TO STRONG W TO NW FLOW WILL CONTINUE THROUGH TONIGHT. A LARGE SOUTHERLY SWELL WILL AFFECT THE COASTAL WATERS THROUGH THE WEEKEND.

PZZ655-192230-

INNER WATERS FROM POINT MUGU TO SAN MATEO PT. CA INCLUDING SANTA CATALINA AND SANTA BARBARA ISLANDS-  
844 AM PDT THU MAY 19 2011

.TODAY...N WINDS 5 TO 10 KT IN THE MORNING...BECOMING W TO NW 10 TO 20 KT IN THE AFTERNOON. WIND WAVES 1 TO 3 FT. MIXED SWELL W 3 TO 5 FT AT 9 SECONDS AND S 4 TO 5 FT AT 18 SECONDS. PATCHY FOG IN THE MORNING.

.TONIGHT...NW WINDS 10 TO 20 KT IN THE EVENING...BECOMING SE 5 TO 10 KT OVERNIGHT. WIND WAVES 1 TO 3 FT. MIXED SWELL W 3 TO 5 FT AT 9 SECONDS AND S 4 TO 5 FT AT 17 SECONDS.

.FRI...S WINDS 5 TO 10 KT...BECOMING W 15 TO 25 KT IN THE AFTERNOON. COMBINED SEAS 4 TO 6 FT DOMINANT PERIOD 9 SECONDS.

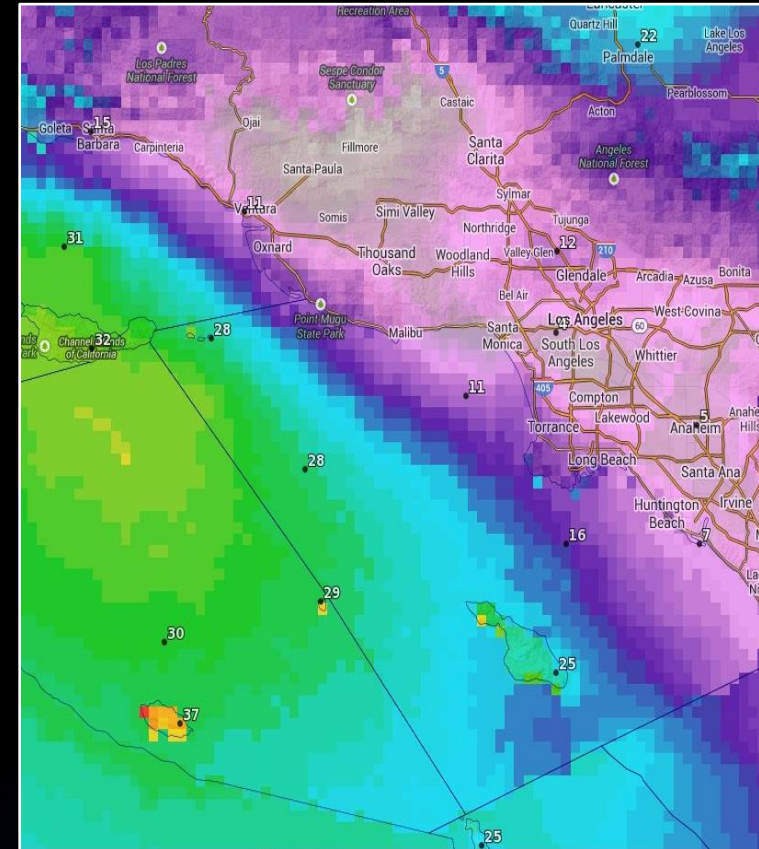
.FRI NIGHT...W WINDS 15 TO 25 KT...BECOMING 5 TO 10 KT AFTER MIDNIGHT. COMBINED SEAS 4 TO 6 FT. PATCHY FOG AFTER MIDNIGHT.

.SAT...WINDS VARIABLE 10 KT OR LESS. WIND WAVES 2 FT OR LESS. MIXED SWELL W 2 TO 4 FT AND S 3 TO 4 FT. PATCHY FOG IN THE MORNING.

.SAT NIGHT...W WINDS 5 TO 15 KT. WIND WAVES 2 FT OR LESS. MIXED SWELL W 3 TO 4 FT AND S 3 TO 4 FT. PATCHY FOG AND DRIZZLE AFTER MIDNIGHT.

.SUN THROUGH MON...W WINDS 10 TO 20 KT. WIND WAVES 2 TO 3 FT. MIXED SWELL W 3 TO 5 FT AND S 2 TO 3 FT. PATCHY FOG. PATCHY DRIZZLE.

## Digital Forecasts



# Warning, Watch, & Advisory

## Small Craft Advisory

- Wind 21 – 33 knots
- Seas 10+ feet
- Very Steep Seas

## Gale Warning

- Wind 34 – 47 knots

## Storm Warning

- Wind 48 – 63 knots

## Hurricane Force Winds

- Wind 64+ knots

## Special Marine Warning

- Severe Weather
- Convective Winds 34+ knots
- Waterspout or Funnel Cloud

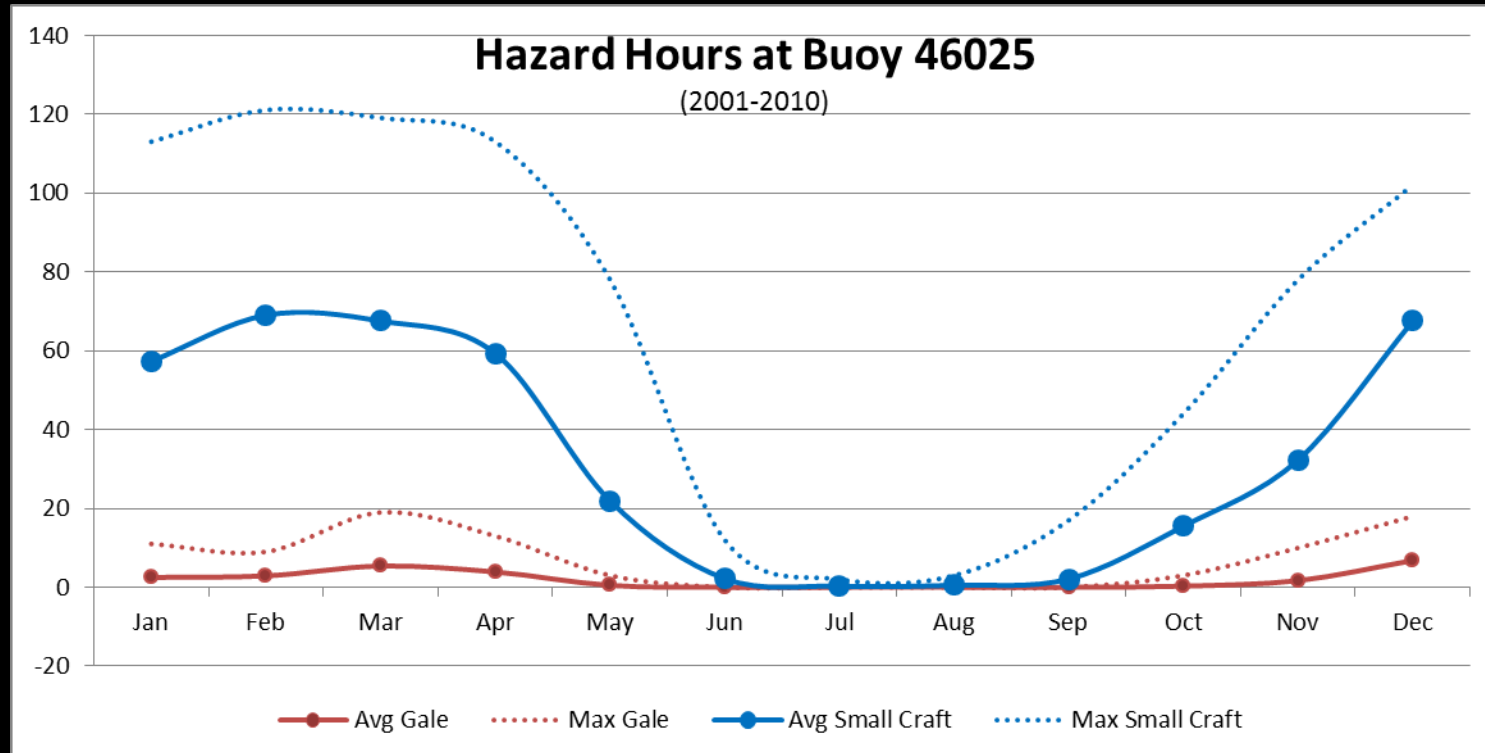
## Marine Weather Statement

- Anything else
- Possibility of thunderstorms
- Extended (3-7 days) Outlooks
- Hazardous Spills
- Widespread Dense Fog
- Large Tides or Tsunami Info
- SMW Updates



# Warning, Watch, & Advisory

How often do these hazards occur?

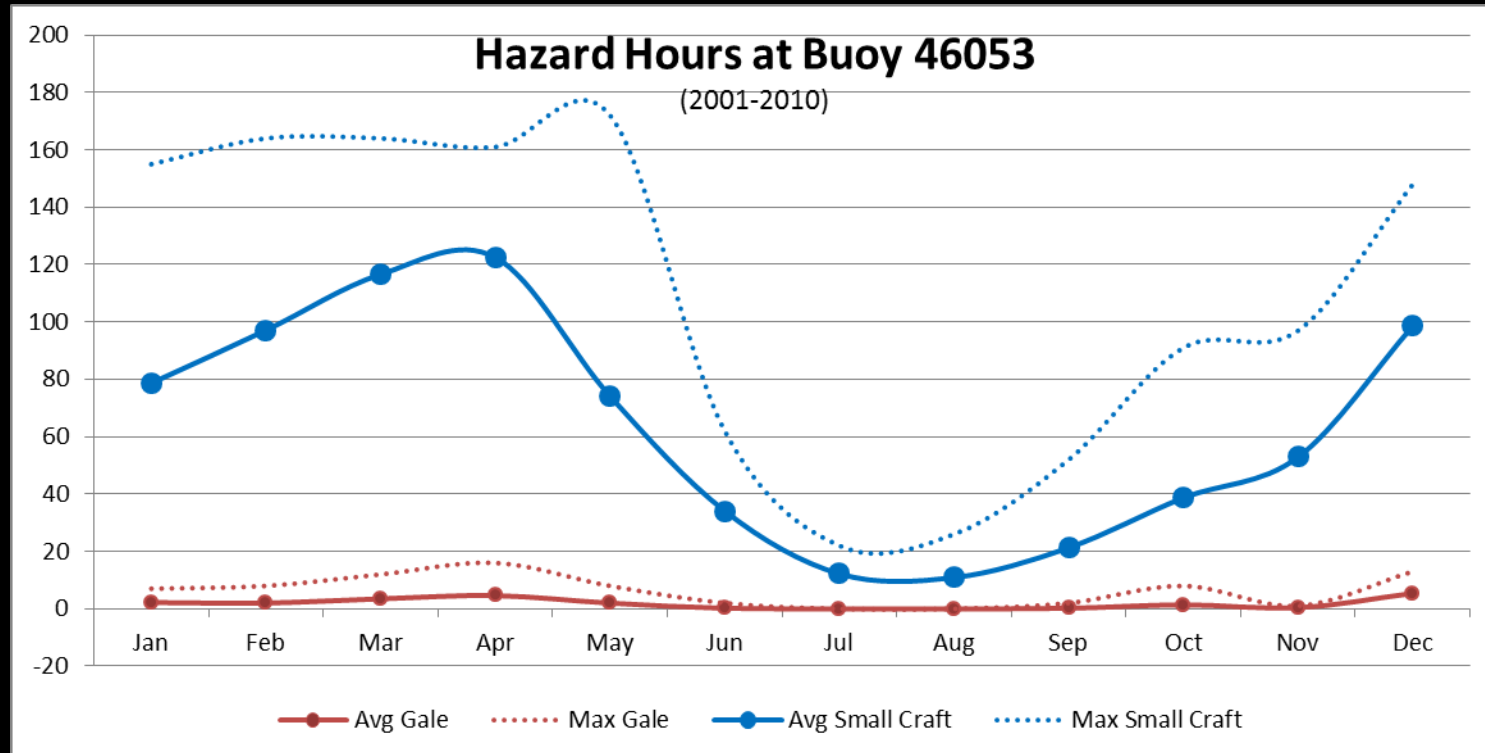


- **Small Craft Advisories:** Average 28 events/year lasting 14 hours (max 88 hours)
- **Gale Warnings:** Average 3 events/year lasting 6 hours (max 18 hours)
- **Storm Warnings:** 0
  - Wind Gusts >40kt 12 times from 2001-2010 (5 separate years)
  - Max 44kt (April 28, 2010) **Since 1987:** Max **47.9kt** (April 30, 1988)



# Warning, Watch, & Advisory

How often do these hazards occur?



- **Small Craft Advisories:** Average 60 events/year lasting 13 hours (max 89 hours)
- **Gale Warnings:** Average 3 events/year lasting 6 hours (max 9 hours)
- **Storm Warnings:** 0
  - Wind Gusts >40kt 6 times from 2001-2010 (4 separate years)
  - Max 42kt (Feb 11, 2003 East) **Since 1994:** Max **50.2kt** (Jan 4, 1995 East)

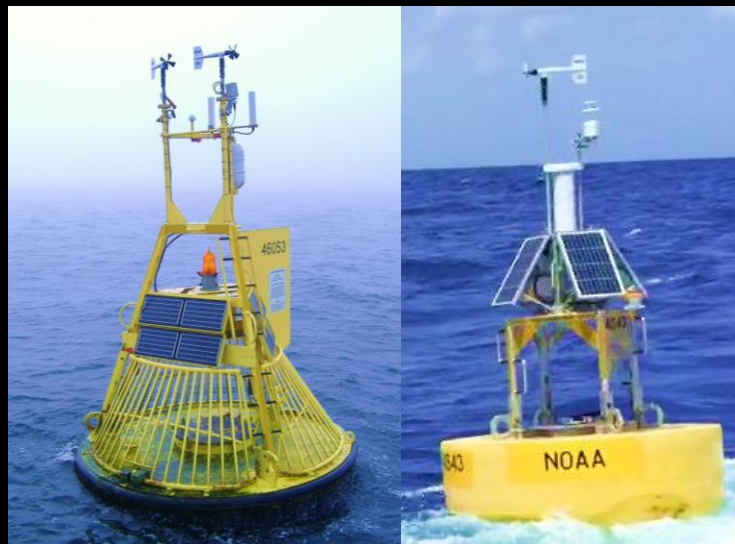
# Coastal Buoys & Observations

## ★ 8 NOAA NDBC Buoys

- Wind, Wave, Air Temp, SST

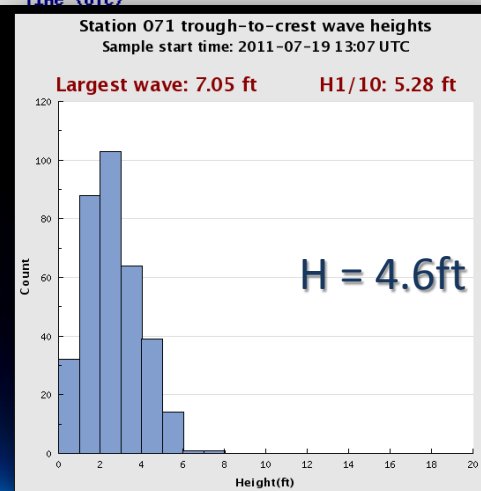
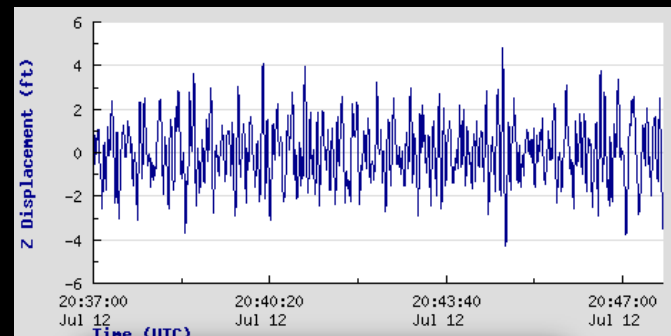
## ★ 9 SCRIPPS Waverider Buoys

- Wave & SST



# Wave Observations & Forecasts

- Wave surface very complex
- Wave Height Traditionally:
  - Average of highest 1/3 (33%)
  - A wave like this every 30 seconds
- Most waves are smaller, but bigger waves exist!
  - Highest 1/10 (10%):  $1.3 * H$ 
    - A wave like this every 2 minutes
  - Highest 1/100 (1%):  $1.7 * H$ 
    - A wave like this every 20 minutes
  - Max Wave:  $2.0 * H$ 
    - A wave like this is possible!



\* Real-time plots are available from our webpage



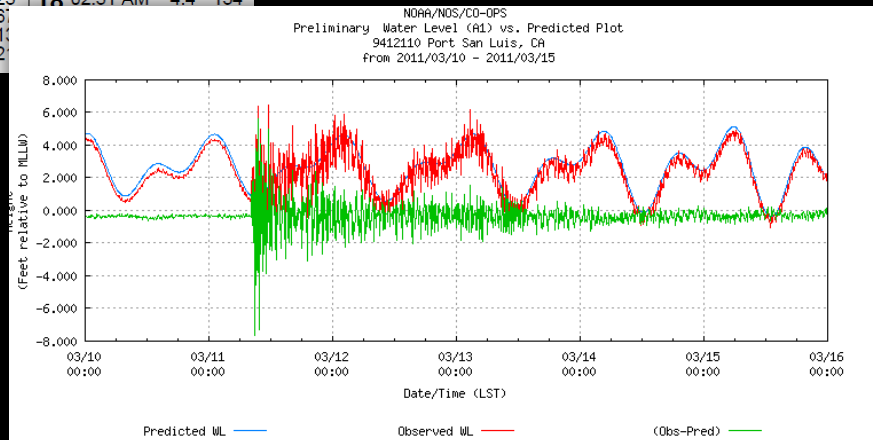
# Tidal Information

## Network of Coastal Tide Gauges

<http://tidesandcurrents.noaa.gov/>



January														
Time					Height		Time					Height		
	h	m	ft	cm		h	m	ft	cm		h	m	ft	cm
1 Tu	12:27	AM	3.7	113	16 W	01:06	AM	4.4	134	17 Th	01:56	AM	4.4	134
	05:15	AM	2.3	70		06:56	AM	1.7	52		08:20	AM	1.7	52
	11:10	AM	4.7	143		12:37	PM	3.9	119		01:49	PM	3.2	98
	06:12	PM	0.0	0		07:00	PM	0.6	18		07:44	PM	1.2	37
2 W	01:05	AM	3.9	119	18	02:51	AM	4.4	134					
	06:15	AM	2.3	70										
	11:56	AM	4.2	128										
	06:49	PM	0.3	9										
3 Th	01:48	AM	4.1	125										
	07:32	AM	2.2	67										
	12:56	PM	3.7	111										
	07:30	PM	0.7	21										



# Tsunami Program

National Tsunami Warning Center

Palmer, Alaska <http://ntwc.arh.noaa.gov>

## Tsunami Warning

Danger! Widespread inundation with waves over 1 meter is imminent or occurring.  
Move to higher ground immediately!

## Tsunami Advisory

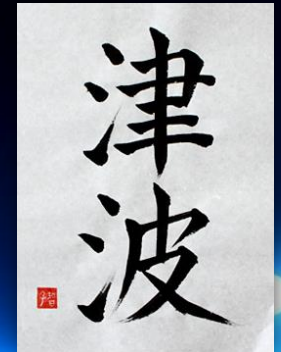
Strong currents or waves of up to 1 meter are imminent or occurring. Move away from harbors and marinas.

## Tsunami Watch

Potential tsunami which may later impact the area. Can be upgraded to a warning or advisory. Stay tuned.

### Important Tsunami Facts:

- Tsunamis are a **series** of waves
- The **largest** waves are usually **well after** the initial arrival
- Tsunamis can **last many hours** or even days
- Local officials will give the **all-clear** when the threat has ended





# TV & Radio & Phone Alerts



# TV & Radio Newscasters



weather.gov/losangeles

# Web Page



# Social Media



# Phone Services



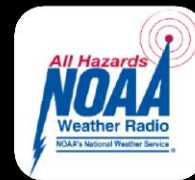
National Weather Service

NOAA



# NOAA Weather Radio

Available on most marine radios



- **4 Marine Transmitters**

- Ch 4 – Malibu **NEW!**
- Ch 7 – Avalon
- Ch 3 – Santa Barbara
- Ch 7 – Hearst Castle

- **3 Land Transmitters**

- Ch 1 – Mount Lukens
- Ch 2 – Santa Barbara
- Ch 1 – San Luis Obispo

- **Additional Transmitters**

- Ch 5 – Santa Ana Mtns



# Phone Services

## 24 Hour Phone Line

**805.988.6610 x1**

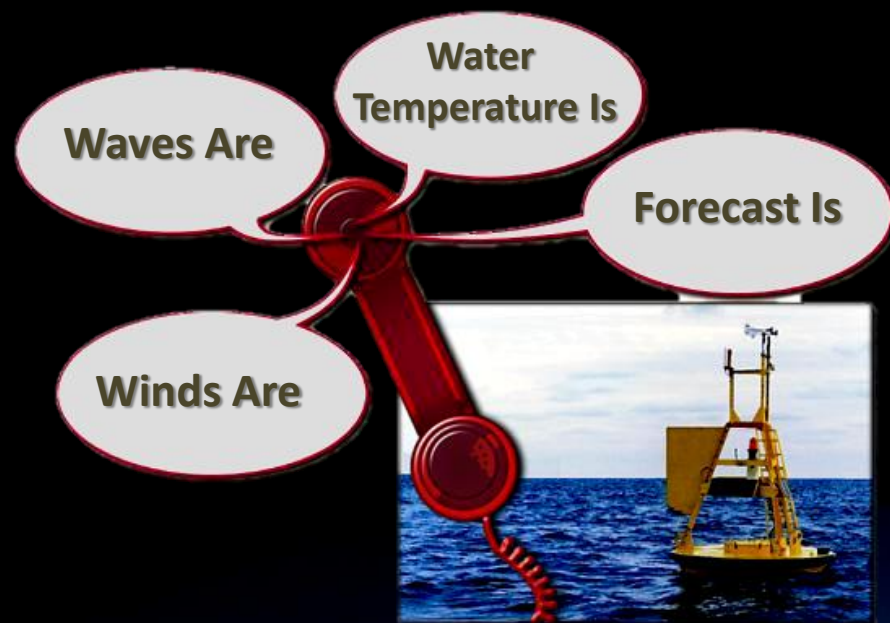
## Live Person Line

930am – 300pm

**805.988.6610 x0**

## Dial – A - Buoy

**888-701-8992**



# Web Page

[www.weather.gov/losangeles](http://www.weather.gov/losangeles) [Go](#)

**National Weather Service Forecast Office**  
**Los Angeles/Oxnard**

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Tsunami

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More...  
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Weather Radio  
Skywarn™  
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Hazard Definitions

**Additional Info**  
Items of Interest  
Other Useful Links  
Education Resources  
COOP Observer  
Our Office

**Top News of the Day**  
LA Downtown April Climate Facts

Last 30 Products Issue Forecast by City


**Weather Story**  
STRONG AND COOL OFFSHORE WINDS THROUGH THURSDAY

A high pressure ridge aloft, is building along the west...more...

[Watches & Warnings](#) [Observations](#) [Forecast Graphics](#) [Rivers & Lakes](#) [Climate](#) [Fire Weather](#) [Detailed Hazards](#) [Fast Page](#)

**The Los Angeles Area Weather** [Map FAQs](#) [Glossary](#)

Click on the map below for the latest forecast.




Read watches, warnings & advisories

[Zoom Out](#)

Gale Warning  
Small Craft Advisory  
Wind Advisory  
Frost Advisory  
High Wind Watch  
Fire Weather Watch  
Hazardous Weather Outlook


Last map update: Apr, 17th 2013 at 11:13:15 am PDT

**Latest Conditions at**  
**Los Angeles / USC Campus Downtown, CA** [Choose Your Front Page Site](#)

Apr 17  
**10:47 am PDT**  **69 °F**  
(26 minutes old) Fair (21 °C)  
Wind: Light and Variable RH: 14% DewPt: 17 °F [More Details \(KCQT\)](#) [XML View](#)

**Click Images For More Information**

[Social Media](#) [Sulphur Mountain](#) [Vandenberg](#) [Satellite](#) [Weather Map](#)

[Stay Connected](#) 

## Hazards Map

- Easy starting point
- Colors show current hazards
- Click on the map to get forecast



[twitter.com/NWSLosAngeles](https://twitter.com/NWSLosAngeles)



[facebook.com/NWSLosAngeles](https://facebook.com/NWSLosAngeles)





# Web Page – Zone Forecasts

**NATIONAL WEATHER SERVICE**  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

HOME FORECAST PAST WEATHER WEATHER SAFETY INFORMATION CENTER NEWS SEARCH ABOUT

Last Update: 843 AM PDT SAT MAR 14 2015  
[View Nearby Observations](#)

**HAZARDOUS WEATHER CONDITIONS**

- Small Craft Advisory For Hazardous Seas is in effect until March 14, 05:00 PM PDT

**MARINE ZONE FORECAST**

Synopsis: AT 15Z...OR 8 AM PDT...A TROUGH OF LOW PRES OVER THE ERN PAC WILL GRADUALLY SHIFT E WHILE WEAKENING AND DISSIPATE OVER THE OFFSHORE WATERS N OF THE AREA SUN NIGHT. A RIDGE OF HIGH PRES WILL THAN BUILD OVER THE ERN PAC MON THROUGH TUE AND PERSIST THROUGH WED.


Today	NE winds 5 to 10 kt...becoming E in the afternoon. Wind waves 2 ft or less. Mixed swell W 2 ft at 11 seconds and S 2 ft at 15 seconds.
Tonight	NW winds 10 kt in the evening...becoming variable 10 kt or less. Wind waves 2 ft or less. Mixed swell W 2 ft at 14 seconds and S 2 ft at 14 seconds.
Sun	SE winds 5 to 10 kt. Wind waves 2 ft or less. Mixed swell W 2 to 3 ft at 13 seconds and S 2 ft at 13 seconds.
Sun Night	NW winds 5 to 10 kt. Wind waves 2 ft or less. Mixed swell W 2 to 3 ft at 12 seconds and S 2 ft at 13 seconds.
Mon	Winds variable 10 kt or less...becoming S 10 kt in the afternoon. Wind waves 2 ft or less. W swell 2 to 3 ft at 12 seconds.
Mon Night	W winds 10 kt in the evening...becoming variable 10 kt or less. Wind waves 2 ft or less. W swell 2 to 3 ft at 10 seconds. Patchy fog after midnight.
Tue	S winds 5 to 15 kt. Wind waves 2 ft or less. W swell 2 to 3 ft.
Wed	W winds 5 to 15 kt. Wind waves 2 ft or less. W swell 2 to 4 ft.

**ADDITIONAL FORECASTS AND INFORMATION**

ZONE AREA FORECAST FOR INNER WATERS FROM POINT MUGU TO SAN MATEO PT. CA INCLUDING SANTA CATALINA AND ANACAPA ISLANDS  
MOBILE VERSION

National Marine Forecasts	Printable Forecast	About Marine Point Forecasts
Forecast Discussion	Text Only Forecast	Tabular Forecast
Tide Information		Home
Observation Map (Regional)	Experimental Graphical Forecasts	User Defined Area
Observation Map (Los Angeles)	Quantitative Precipitation Forecast	
Warnings	Climatology	

Topographic Click Map For Detailed Forecast

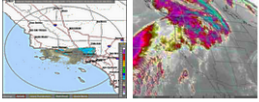


Requested Location Forecast Area


**ABOUT THIS FORECAST**

Last Update: 843 AM PDT SAT MAR 14 2015  
[Forecast Discussion](#)  
[KML](#) [XML](#)

**RADAR & SATELLITE IMAGES**



**NATIONAL DIGITAL FORECAST DATABASE**



## Highlights

- 5 Day marine forecast
- Map shows area of forecast
- Links to active hazards
- Links to Satellite & Radar
- Links to Forecast Discussion
- Links to Graphical Forecast

## Point Forecast Gateway

- Map is “**clickable**” to narrow down forecast area to specific point


# Web Page – Point Forecast

## Highlights

- Forecast for 1.5 square mile box
- Summary Icons
- Map still “clickable”

## DISCLAIMER










Forecasts over land also available  
**Now** Including the Channel Islands

**NATIONAL WEATHER SERVICE**  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

HOME FORECAST PAST WEATHER WEATHER SAFETY INFORMATION CENTER NEWS SEARCH ABOUT

**2NM S MALIBU CA**  
**MARINE POINT FORECAST**  
[NOTICE]

For More Weather Information:  
Los Angeles/Oxnard, CA Local Forecast Office

Today	Tonight	Sunday	Sunday Night	Monday	Monday Night	Tuesday	Tuesday Night	Wednesday
								
NNE 15kt	W 10kt↓	↑W 10kt	WSW 10kt↓	↑W 10kt	W 10kt	W 10kt	W 10kt↓	↑W 10kt

**DETAILED FORECAST**

**Synopsis:** AT 15Z...OR 8 AM PDT...A TROUGH OF LOW PRES OVER THE ERN PAC WILL GRADUALLY SHIFT E WHILE WEAKENING AND DISSIPATE OVER THE OFFSHORE WATERS N OF THE AREA SUN NIGHT. A RIDGE OF HIGH PRES WILL THAN BUILD OVER THE ERN PAC MON THROUGH TUE AND PERSIST THROUGH WED.

<b>Today</b>	NNE wind 5 to 15 kt becoming WSW in the afternoon. Mostly sunny. Mixed swell...W 2 ft at 10 seconds and S 1 ft at 14 seconds. Wind waves 1 to 3 ft.
<b>Tonight</b>	W wind 5 to 10 kt becoming variable and less than 5 kt after midnight. Partly cloudy. Mixed swell...W 2 ft at 15 seconds and S 1 ft at 14 seconds. Wind waves 1 to 2 ft.
<b>Sunday</b>	Variable winds less than 5 kt becoming W 5 to 10 kt in the afternoon. Mostly sunny. Mixed swell...W 2 ft at 14 seconds and S 1 ft at 14 seconds. Wind waves 1 to 2 ft.
<b>Sunday Night</b>	WSW wind 5 to 10 kt becoming variable and less than 5 kt after midnight. Partly cloudy. Mixed swell...W 2 ft and S 1 ft. Wind waves 1 to 2 ft.
<b>Monday</b>	Variable winds less than 5 kt becoming W 5 to 10 kt in the afternoon. Mostly sunny. W swell 2 ft. Wind waves 1 to 2 ft.
<b>Monday Night</b>	W wind 5 to 10 kt becoming NE after midnight. Partly cloudy. W swell 2 ft. Wind waves 1 to 2 ft.
<b>Tuesday</b>	NE wind 5 to 10 kt becoming W in the afternoon. Patchy fog before noon. W swell 2 ft. Wind waves 1 to 2 ft.
<b>Tuesday Night</b>	W wind 5 to 10 kt becoming variable and less than 5 kt after midnight. Patchy fog after midnight. W swell 2 ft. Wind waves 1 to 2 ft.
<b>Wednesday</b>	Variable winds less than 5 kt becoming W 5 to 10 kt in the afternoon. Patchy fog before noon. W swell 2 ft. Wind waves 1 to 2 ft.

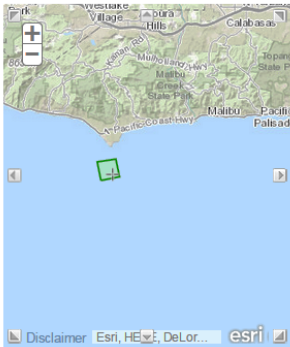
**\*Notices:**

1. This forecast is for a single location. For safety concerns, mariners should be aware of the weather over a larger area. Forecast information for a larger area can be found within the zone forecast and the NDFD graphics.
2. The forecast conditions at a particular point may not exceed the criteria of a Small Craft Advisory, Gale, Storm etc. These watches/warnings/advisories are issued for the entire zone in which the point resides and mariners should act accordingly.

**ADDITIONAL FORECASTS AND INFORMATION**

ZONE AREA FORECAST FOR INNER WATERS FROM POINT MUGU TO SAN MATEO PT. CA INCLUDING SANTA CATALINA AND ANACAPA ISLANDS  
MOBILE VERSION

Topographic Select Another Point



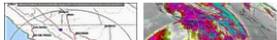
Disclaimer Esri, HERE, DeLor... Esri

Requested Location Forecast Area

**ABOUT THIS FORECAST**

Point	33.97°N 118.81°W
Forecast:	
Last Update:	9:31 am PDT Mar 14, 2015
Forecast Valid:	10am PDT Mar 14, 2015-6pm PDT Mar 20, 2015
<a href="#">Forecast Discussion</a>	
<a href="#">KML</a> <a href="#">XML</a>	

**RADAR & SATELLITE IMAGES**



# Web Page - Marine

www.weather.gov/losangeles [Go](#)

## Marine Weather Page

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Marine Weather  
Coastal Weather  
Hurricane Center  
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Hydrology  
Rivers and Lakes  
Forecasts & More

Climate  
Local  
National  
Drought  
More...

Climate portal  
Weather Safety  
Preparedness  
Weather Radio  
Skywarn™  
StormReady  
Hazard Definitions

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Items of Interest  
Other Useful Links  
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COOP Observer  
Our Office

**Top News of the Day**  
LA Downtown April Climate Facts

Last 30 Products Issue Forecast by City

A high pressure ridge aloft, is building along the west ...more...

Watches & Warnings Observations Forecast Rivers & Lakes Climate Fire Weather Detailed Hazards Fast Page

**The Los Angeles Area Weather** Map FAQs | Glossary

Click on the map below for the latest forecast.

Read watches, warnings & advisories

Gale Warning  
Small Craft Advisory  
Frost Advisory  
High Wind Watch  
Fire Weather Watch  
Hazardous Weather Outlook

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Apr 17  
**10:47 am PDT** (26 minutes old) **69 °F** (21 °C)  
Fair  
Wind: Light and Variable RH: 14% DewPt: 17 °F More Details (KCQT) XML View

Click Images For More Information

Social Media Sulphur Mountain Vandenberg Satellite Weather Map

Forecasts Observations Weather Radio Tides Charts Presentations Other Links

**Marine**

**Current Marine Hazards:**  
• Small Craft Advisory

Click on Area for Forecast

Map showing coastal and offshore forecasts with buoys and observation points.

**Coastal and Offshore Forecasts**

**Surf Forecasts (SRF):**

- Southern California (LOX)
- Extreme Southern California (SGX)

**Full Coastal Waters Forecasts (CWF) - out to 60 NM:**

- Southern and Central California (LOX)
- Extreme Southern California (SGX)
- North Central California (MTR)
- Extreme Northern California (EKA)
- Western United States

**Offshore Forecasts:**

- West Coast Offshore Forecasts (out to 250 NM)
- Pacific High Seas Forecast

**Marine Weather Messages (MWW):**

- Southern and Central California (LOX)
- Extreme Southern California (SGX)
- North Central California (MTR)

• Experimental Marine Weather Portal **NEW**

**More Forecast Information**

**Forecast Flavors:**

- Marine Forecast Discussion
- Complete Area Forecast Discussion
- Mobile Weather Page
- Audio Forecasts
- Graphical Marine Forecasts
- Alternative Graphical Marine Forecasts
- Hourly Buoy Graphs
- WaveWatch Numerical Model
- National Hurricane Center

**Baja Forecasts: NEW**

- Offshore Forecast From San Clemente to Guadalupe Is.
- Graphical Forecast - Wind Speed
- Graphical Forecast - Wave Height

**Forecast Charts:**

- Northern Pacific Forecast Charts
- Marine Radiofax Weather Charts
- High Frequency Voice Forecast (USCG)
- Pacific Surface Charts and Forecasts (OPC)
- Hazardous Seas Small Craft Advisory Criteria

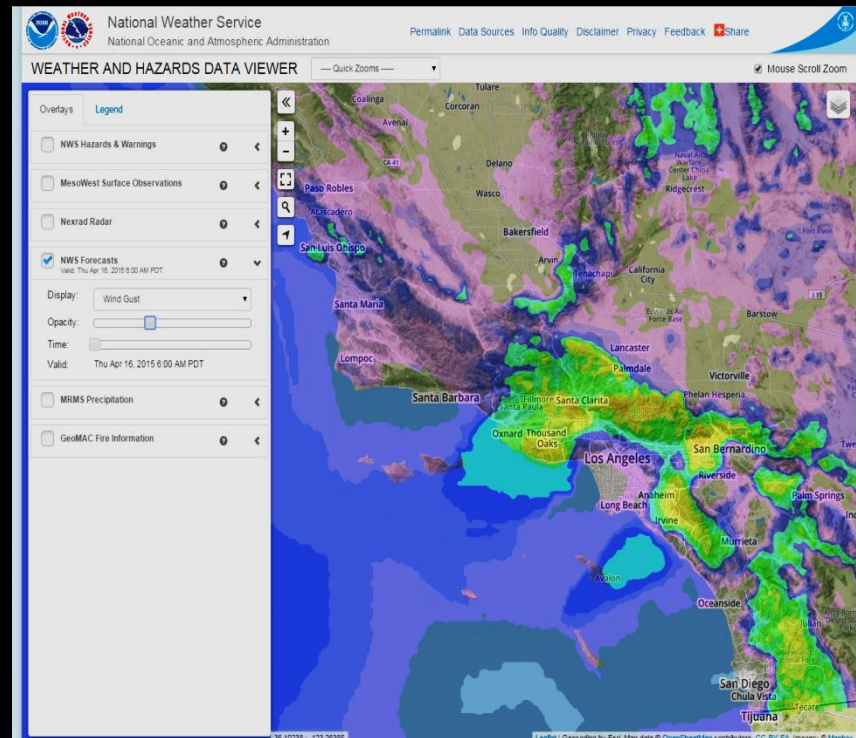
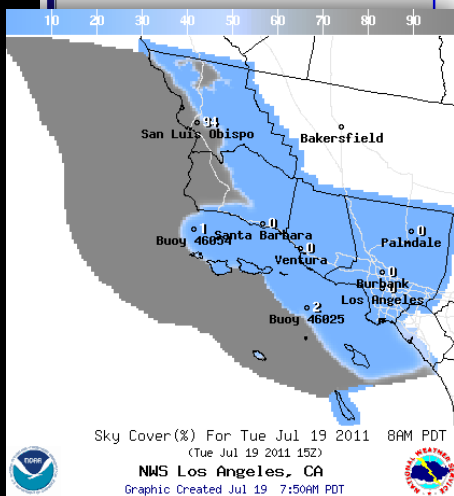
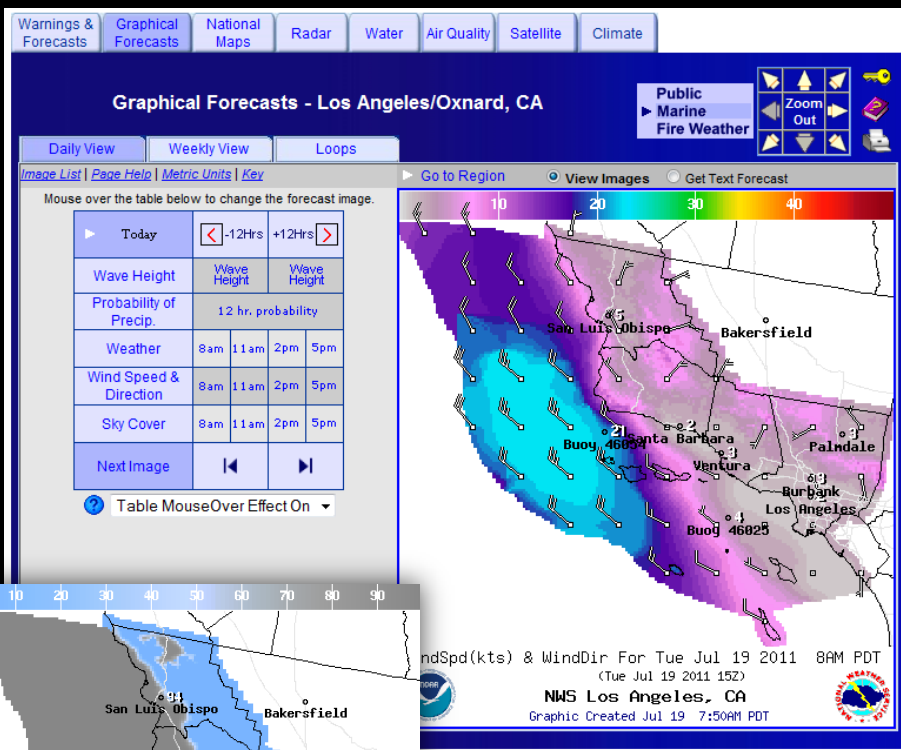
Launching Pad to all thing marine



# Web Page – Graphical Forecasts

## Highlights

- Visually see the forecast
- Many elements available
  - Wind, Waves, Sky, Weather



# Web Page – Forecast Discussion

## Highlights

- Weather Blog from Forecasters
- Insight into what went into the forecast
- Confidence and other possible outcomes
- Specific Marine section at bottom
- Updated 4 times a day



.SHORT TERM (TODAY-MON)...

RECORD HEAT STILL ON COURSE TO PEAK TODAY OVER MOST OF THE AREA...AS STRONG HIGH PRESSURE ALOFT COMBINES WITH MODERATE OFFSHORE PRESSURE GRADIENTS. THE GRADIENTS ARE RUNNING A LITTLE STRONGER THAN COMPUTER PROJECTIONS WERE EXPECTING...AND ARE NOT MUCH DIFFERENT THAN 24 HOURS AGO. THE OFFSHORE WINDS FROM YESTERDAY HOWEVER ARE NON-EXISTENT...WITH ONLY A HANDFUL OF SITES EXPERIENCING NOTICEABLE WINDS. TYPICALLY THIS TYPE OF SCENARIO RESULTS IN AN APPRECIABLE WARMING TREND...BUT A FEW BANDS OF THICK HIGH-LEVEL CLOUDS...AND LIKELY BUT WEAK SOUTHERLY FLOW IN THE AFTERNOON WOULD SUGGEST COOLER CONDITIONS. WITH ALL THAT IN MIND...A MOSTLY PERSISTENCE FORECAST FOR THE COAST AND VALLEYS IS A GOOD CALL...WITH HIGH TEMPERATURES VERY SIMILAR TO YESTERDAY. CONFIDENT THAT MOUNTAINS AND INTERIOR VALLEYS ON THE OTHER HAND WILL SEE A HEALTHY WARMING TREND NOW THAT THE COLD AIR PUSHING OFFSHORE FLOW HAS WEAKENED SIGNIFICANTLY. MADE A FEW SMALL ADJUSTMENTS TO TEMPERATURES FOR TODAY...PRIMARILY WARMING UP THE CENTRAL COAST AND SANTA YNEZ VALLEY FROM WHAT WE HAD GOING TO MAKE THEM CLOSER TO YESTERDAYS NUMBERS.

.LONG TERM (TUE-FRI)...

FOR THE EXTENDED...00Z MODELS DO NOT INDICATE ANYTHING TOO EXCITING FOR THE AREA. UPPER LEVEL PATTERN SHOWS A WEAK TROUGH MOVING ACROSS THE WEST COAST ON TUESDAY...THEN TAKING UP RESIDENCE SOMEWHERE OVER THE GREAT BASIN WEDNESDAY THROUGH FRIDAY. CLOSER TO THE GROUND...IT DOES LOOK LIKE ONSHORE FLOW WILL ESTABLISH THROUGH THE WEEK.

&&

.MARINE...13/900 AM...

SMALL CRAFT ADVISORY CONDITIONS ARE NOT EXPECTED SAT THROUGH TUESDAY. A SOUTH SWELL WITHIN 170-190 DEGREES RELATIVE TO VENTURA COUNTY WILL CONTINUE TO SUBSIDE WHILE A WEST-NORTHWEST SWELL BUILDS BUT REMAINS WELL BELOW 10 FEET TODAY THROUGH SUNDAY. OTHERWISE A MIXED LOCALLY GENERATED NORTHWEST SWELL AND SOUTH SWELL IS EXPECTED MONDAY THROUGH TUESDAY.

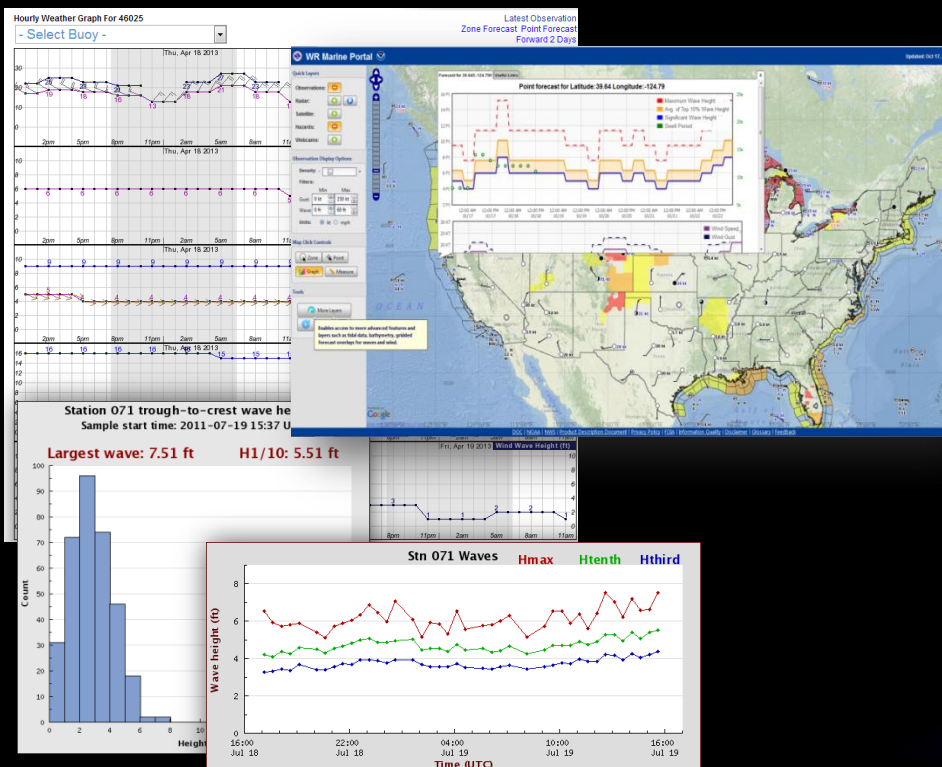
&&

.LOX WATCHES/WARNINGS/ADVISORIES...  
NONE

# Web Page - Observations

## Highlights

- Mouseover Map with observation popups
- Map “clickable” for observation history
- Links UCSD SCRIPPS displays





# Web Page – Mobile

[www.weather.gov/losangeles/mobile](http://www.weather.gov/losangeles/mobile)

## Highlights

- Graphic Lite Version
- Easier to read on narrow screens
- Fast loading

National Weather Service  
Mobile Web

Home

Current Hazards

Recent Products

Observations

Radar

Satellite

Local Forecast

Marine Forecast

FireWx Forecast

Aviation Forecast

More Products

National NWS Mobile

Full NWS Website

National Weather Service  
Mobile Web

11:05 am PDT

**Buoy Collective**

Sea Temp, Wind, Wave

**Ca Offshore**  
OLD Dec 31 4:00pm

**Monterey**  
58°F, ESE16G18mph, NW 4.3ft

**Cape San Martin**  
61°F, SE4G7mph, NNW 4.3ft

**Santa Maria**  
60°F, NNW9mph, NW 4.6ft

**Point Arguello CMAN**  
MM, N15G16mph,

**West SBA Channel**  
62°F, NW18G20mph, N 4.3ft

**Monterey Canyon**  
58°F, WNW 3.9ft

**Diablo Canyon**  
59°F, W 4.6ft

**Harvest Platform**  
62°F, WNW 6.2ft

Back to Buoys

Go Home

service los angeles/oxnard ca  
**158 pm pdt fri sep 9 2011**  
point piedras blancas to san mateo point  
ca out 60nm including the channel island  
national marine sanctuary  
pzz600-100515-  
**158 pm pdt fri sep 9 2011**  
**Synopsis For Southern California Coast  
And Santa Barbara Channel Including  
The Channel Islands National Marine  
Sanctuary And National Park:** at 21z...  
2 pm pdt...a 1027 mb high was 600 nm  
west of eureka. The low will weaken  
tonight into the weekend as an area of low  
pressure moves west to the california  
coast. Nw winds will diminish tonight...and  
then shift to southerly as the low pushes  
further north along the coast. Mainly light  
winds will persist through early next week  
pzz655-100515- inner waters from point  
mugu to san mateo pt. Ca including santa  
catalina and santa barbara islands-  
**158 pm pdt fri sep 9 2011**  
**Tonight:** w winds 5 to 10 kt in the  
evening...becoming variable 10 kt or less  
Wind waves 2 ft or less. Mixed swell w 2  
4 ft at 12 seconds and s 2 to 3 ft at 13  
seconds. Patchy fog after midnight.  
**Sat:** s winds 5 to 10 kt. Wind waves 2 ft or  
less. Mixed swell w 2 to 4 ft at 11 seconds  
and s 2 to 3 ft at 12 seconds. Patchy fog in

National Weather Service  
Mobile Web

Satellite

Go Home

Visible 1km

HiRes

Infrared 4km

HiRes

Interactive



**All this for about \$5 a year**



# Thank You!

Questions?

## National Weather Service

Los Angeles / Oxnard

### Marine Weather Program

Ryan Kittell

